

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 2 | "6301634".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 16:02 |
| L2 | 0 | 1 and (usb or serial) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/09 16:02 |
| S1 | 845 | (first near3 protocol) and (second near3 protocol) and processor and controller and (peripheral or device) | USPAT | OR | ON | 2003/08/14 13:07 |
| S2 | 16 | ((("5938740") or ("5935224") or ("5928347") or ("5918073") or ("5903777") or ("5890015") or ("5870572") or ("5841996") or ("5835791") or ("5818948") or ("5768550") or ("5767844") or ("5675813") or ("5455940") or ("5025412") or ("4884287"))).PN. | USPAT; USOCR | OR | OFF | 2003/08/12 13:16 |
| S3 | 1 | ((first near3 protocol) and (second near3 protocol) and processor and controller and (peripheral or device)) and (controller near3 generic) | USPAT | OR | ON | 2003/08/12 15:02 |
| S4 | 14 | controller near3 generic near3 (peripheral or device) | USPAT | OR | ON | 2003/08/12 15:06 |
| S5 | 3 | true near3 real near3 time near3 (peripheral or device) | USPAT | OR | ON | 2003/08/12 15:07 |
| S6 | 2011 | (real near3 time near3 (peripheral or device)) and controller | USPAT | OR | ON | 2003/08/13 13:50 |
| S7 | 1 | ((real near3 time near3 (peripheral or device)) and controller) and USB and (RS-232 or RS-422 or RS-422 or RS-485) and (LPT or (parallel near3 printer near3 port)) | USPAT | OR | ON | 2003/08/13 12:12 |
| S8 | 4 | ((real near3 time near3 (peripheral or device)) and controller) and USB and (RS-232 or RS-422 or RS-422 or RS-485) and (parallel near3 port) | USPAT | OR | ON | 2003/08/13 14:22 |
| S9 | 155 | 710/64.ccls. | USPAT | OR | ON | 2003/08/13 14:22 |
| S10 | 1083 | protocol near3 conversion | USPAT | OR | ON | 2003/08/13 14:31 |
| S11 | 1 | (protocol near3 conversion) and USB and (RS-232 or RS-422 or RS-422 or RS-485) and (parallel) | USPAT | OR | ON | 2003/08/13 14:24 |

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| S12 | 1 | (protocol near3 conversion) and USB and (RS-232 or RS-422 or RS-422 or RS-485) | USPAT | OR | ON | 2003/08/13 14:24 |
| S13 | 1 | (protocol near3 conversion) and (USB or (universal near3 serial near3 bus)) and RS-232 and Parallel | USPAT | OR | ON | 2003/08/13 14:41 |
| S14 | 28 | generic near3 protocol near3 conver\$4 | USPAT | OR | ON | 2003/08/13 14:41 |
| S15 | 800 | conver\$4 with ((USB or (universal near3 serial near3 bus)) or serial) and RS-232 and Parallel | USPAT | OR | ON | 2003/08/13 14:42 |
| S16 | 370 | convert with ((USB or (universal near3 serial near3 bus)) or serial) and RS-232 and Parallel | USPAT | OR | ON | 2003/08/14 10:10 |
| S17 | 4 | (real near3 time) with convert with ((non-real near3 time) or (nonreal near3 time)) | USPAT | OR | ON | 2003/08/13 14:43 |
| S18 | 6 | convert with ((USB or (universal near3 serial near3 bus))) and RS-232 and Parallel | USPAT | OR | ON | 2003/08/13 15:03 |
| S19 | 205 | 710/11.ccls. | USPAT | OR | ON | 2003/08/14 09:56 |
| S20 | 4 | ("6259706" "6400729" "6405254" "6434644").PN. | USPAT | OR | OFF | 2003/08/13 15:08 |
| S21 | 1 | (bridge with ((various or different or variety or multiple) near3 protocol)) and (usb near3 (host or processor or ((master near control near unit) or MCU))) | USPAT | OR | ON | 2003/08/14 09:48 |
| S22 | 172 | bridge with ((various or different or variety or multiple) near3 protocol) | USPAT | OR | ON | 2003/08/14 09:49 |
| S23 | 561 | (bridge or converter or gateway or translator) with ((various or different or variety or multiple) near3 protocol) | USPAT | OR | ON | 2003/08/14 09:49 |
| S24 | 2 | ((bridge or converter or gateway or translator) with ((various or different or variety or multiple) near3 protocol)) and (usb near3 (host or processor or ((master near control near unit) or MCU))) | USPAT | OR | ON | 2003/08/14 09:52 |
| S25 | 611 | (bridge or converter or gateway or translator) with ((various or different or variety or multiple or plurality) near3 protocol) | USPAT | OR | ON | 2003/08/14 10:36 |

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| S26 | 2 | ((bridge or converter or gateway or translator) with ((various or different or variety or multiple or plurality) near3 protocol)) and (usb near3 (host or processor or ((master near control near unit) or MCU))) | USPAT | OR | ON | 2003/08/14 09:52 |
| S27 | 416 | 710/105.ccls. | USPAT | OR | ON | 2003/08/14 09:56 |
| S28 | 124 | 710/105.ccls. and ((various or different or variety or multiple or plurality) near3 protocol) | USPAT | OR | ON | 2003/08/14 10:20 |
| S29 | 388 | (USB or (universal near3 serial near3 bus)) near3 (host or processor or ((master near control near unit) or MCU)) | USPAT | OR | ON | 2003/08/14 11:14 |
| S30 | 127 | 710/311.ccls. | USPAT | OR | ON | 2003/08/14 10:20 |
| S31 | 22 | 710/311.ccls. and ((various or different or variety or multiple or plurality) near3 protocol) | USPAT | OR | ON | 2003/08/14 10:54 |
| S32 | 6 | ("5533204" "5634073" "5754884" "5790831" "5795297" "5802269").PN. | USPAT | OR | OFF | 2003/08/14 10:33 |
| S33 | 3 | "6226700".URPN. | USPAT | OR | OFF | 2003/08/14 10:34 |
| S34 | 1037 | (bridge or converter or gateway or translator or switch or hub) with ((various or different or variety or multiple or plurality) near3 protocol) | USPAT | OR | ON | 2003/08/14 10:49 |
| S35 | 0 | 710/311.ccls. and (USB or (universal near3 serial near3 bus)) near3 (host or processor or ((master near control near unit) or MCU)) | USPAT | OR | ON | 2003/08/14 10:42 |
| S36 | 2508 | bridge with driver | USPAT | OR | ON | 2003/08/14 10:50 |
| S37 | 0 | (bridge near3 driver) and (bridge with (distribut\$2 near3 proces\$3 near3 environment)) | USPAT | OR | ON | 2003/08/14 10:52 |
| S38 | 0 | (bridge near3 driver) and (bridge with (distribut\$2 near3 process\$3 near3 environment)) | USPAT | OR | ON | 2003/08/14 10:53 |
| S39 | 0 | (bridge near3 driver) and (bridge with (distribut\$2 near3 process\$3)) | USPAT | OR | ON | 2003/08/14 10:53 |
| S40 | 1087 | bridge near3 driver | USPAT | OR | ON | 2003/08/14 11:00 |
| S41 | 1 | "6226700".pn. | USPAT | OR | ON | 2003/08/14 10:57 |
| S42 | 0 | "6226700".pn. and driver | USPAT | OR | ON | 2003/08/14 10:57 |
| S43 | 6 | (bridge near3 driver) and USB | USPAT | OR | ON | 2003/08/14 11:01 |

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| S44 | 2 | (bridge near3 includ\$3 near3 driver) and USB | USPAT | OR | ON | 2003/08/14 11:01 |
| S45 | 147 | bridge near3 includ\$3 near3 driver | USPAT | OR | ON | 2003/08/14 11:02 |
| S46 | 410 | (USB or (universal near3 serial near3 bus)) near4 (host or processor or ((master near control near unit) or MCU)) | USPAT | OR | ON | 2003/08/14 11:14 |
| S47 | 92 | ((USB or (universal near3 serial near3 bus)) near4 (host or processor or ((master near control near unit) or MCU))) and game\$3 | USPAT | OR | ON | 2003/08/14 11:15 |
| S48 | 0 | ((USB or (universal near3 serial near3 bus)) near4 (host or processor or ((master near control near unit) or MCU))) and game\$3) and (RS232 or RS-232) and (RS-422 or RS422) and (RS485 or RS-485) and (parallel) | USPAT | OR | ON | 2003/08/15 10:44 |
| S49 | 41 | ((USB or (universal near3 serial near3 bus)) near4 (host or processor or ((master near control near unit) or MCU))) and game\$3) and (RS232 or RS-232) | USPAT | OR | ON | 2003/08/14 11:16 |
| S50 | 19 | ((real near3 time near3 (peripheral or device)) and controller) and USB and (RS-232 or RS-422 or RS-422 or RS-485) and (parallel) | USPAT | OR | ON | 2003/08/14 11:27 |
| S51 | 4 | real near3 time near3 kernal | USPAT | OR | ON | 2003/08/14 11:28 |
| S52 | 225 | real near3 time near3 kernel | USPAT | OR | ON | 2003/08/14 12:15 |
| S53 | 4 | (real near3 time near3 kernel) and (USB or (universal near3 serial near3 bus)) near3 (host or processor or ((master near control near unit) or MCU)) | USPAT | OR | ON | 2003/08/15 10:40 |
| S54 | 19 | (real near3 time near3 kernel) and ((non-real near3 time) or (nonreal near3 time)) | USPAT | OR | ON | 2003/08/14 12:29 |
| S55 | 22 | ((host or processor or (operating)) near3 ((non-real near3 time) or (nonreal near3 time) or (non near2 real near2 time))) and ((real near2 time) near3 (device or peripheral)) | USPAT | OR | ON | 2003/08/14 12:32 |
| S56 | 0 | "6611886".pn. | USPAT | OR | ON | 2003/08/14 13:08 |
| S57 | 0 | ("6611886").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/08/14 13:08 |

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| S58 | 388 | (USB or (universal near3 serial near3 bus)) near3 (host or processor or ((master near control near unit) or MCU)) | USPAT | OR | ON | 2003/08/15 10:40 |
| S59 | 6 | USB and (RS232 or RS-232) and (RS-422 or RS422) and (RS485 or RS-485) and (parallel) | USPAT | OR | ON | 2004/04/02 18:26 |
| S60 | 353 | generic near3 controller | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/04/02 17:23 |
| S61 | 7 | (generic near3 controller) and ((real near3 time) or real-time) and ((non near real near time) or (non-real near time) or non-real-time) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/04/02 17:25 |
| S62 | 4357 | ((Generic or intelligent or universal) near3 (controller or hub)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/04/02 17:26 |
| S63 | 1495 | ((((Generic or intelligent or universal) near3 (controller or hub))) and (coin or light or button)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/04/02 17:27 |
| S64 | 684 | ((((Generic or intelligent or universal) near3 (controller or hub))) and (coin and light or button)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/04/02 17:26 |
| S65 | 29 | ((((Generic or intelligent or universal) near3 (controller or hub))) and (coin and light and button)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 10:22 |
| S66 | 65 | ((((Generic or intelligent or universal) near3 (controller or hub))) with (coin or light or button)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 10:21 |
| S67 | 190 | 710/63.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/04/02 17:37 |
| S68 | 25 | ((((Generic or intelligent or universal) near3 (controller or hub))) and (USB and (RS232 or RS-232) and (parallel)) | USPAT | OR | ON | 2004/04/02 18:26 |
| S69 | 2 | ("6112246").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/01 14:28 |

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| S70 | 3492 | 700/95-110,112,230,231,266,267. ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 14:29 |
| S71 | 12 | 700/95-110,112,230,231,266,267. ccls. and (real near2 time) and (non near real near time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 14:41 |
| S72 | 0 | 700/95-110,112,230,231,266,267. ccls. and ((real near2 time) near4 (device or peripheral or element or unit)) and ((non near real near time) near3 (OS or (operating near system) or PC or workstation)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 14:44 |
| S73 | 68 | ((Generic or intelligent or universal) near3 (controller or hub))) and ((real near3 time) or real-time) and ((non near real near time) or (non-real near time) or non-real-time) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 10:23 |
| S74 | 57 | ((real near2 time) near4 (device or peripheral or element or unit)) and ((non near real near time) near3 (OS or (operating near system) or PC or workstation)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 10:35 |
| S75 | 8 | ("4954948" "5016166" "5193189" "5608906" "5625821" "5627745" "5742824" "5850536").PN. | USPAT | OR | ON | 2004/11/02 16:52 |
| S76 | 0 | "6301634".URPN. | USPAT | OR | ON | 2004/11/02 17:00 |